part record (such as an action performed or another part being bound to it). It should further be appreciated that the unique part record can be tested as it traverses the workcell, which allows subsystem capabilities such as quality and routing to be exercised. It should yet further be appreciated that the method may incorporate unique serialized parts, part types, and part assemblies. It should still further be appreciated that the method is an iterative process between design and simulation carried out on the computer 14 by the user 12.

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